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(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTERPage 1 of 1Attachment to Z-15175/83
NPIC/PEG (09/83)Copy 29**HIGH EXPLOSIVES TEST
SHAGAN RIVER TEST AREA, USSR**

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1. **SIGNIFICANCE:** A HIGH EXPLOSIVE (HE) VULNERABILITY TEST HAS BEEN CONDUCTED AT SILO 15 IN VULNERABILITY AREA 108 SINCE [REDACTED] (SWN) 25X1
2. **REMARKS:** A LARGE THROW-OUT CRATER HAS BEEN FORMED IN THE AREA OF SILO 15, AND A LARGER CRATER HAS BEEN FORMED JUST SOUTHEAST OF THE SILO. THE LARGER CRATER APPEARS TO HAVE BEEN FORMED BY A THREE-SHAFT DIRECT-INDUCED HIGH EXPLOSIVE SIMULATION TECHNIQUE (DI-HEST). THE TEST AT SILO 15 CONSISTED OF AN ELONGATED ARCH-ROOFED HIGH EXPLOSIVE SIMULATION TECHNIQUE (HEST) STRUCTURE OVER THE SILO AND A BERM-LOADED EXPLOSIVE SIMULATION TECHNIQUE (BLEST). THE SILO DOOR APPEARS TO BE COMPLETELY EXPOSED AND A SMALL BULLDOZER IS GRADING THE AREA NORTH OF THE SILO DOOR. (SWN)

SILO 15 IS A NEW COMMAND AND CONTROL SILO THAT WAS CONSTRUCTED AT SHAGAN RIVER TEST AREA IN 1980 AND IS SIMILAR IN SIZE AND APPEARANCE TO SILOS CONSTRUCTED AT KAPUSTIN YAR MISSILE/SPACE TEST CENTER SSM [REDACTED] AND AT SERPUKHOV RADIO COMMUNICATIONS RECEIVER STATION/HARD [REDACTED]. AN HE VULNERABILITY TEST WAS LAST CONDUCTED AT SILO 15 IN 1981. (SWN) 25X1 25X1

IN OTHER TEST ACTIVITY AT SHAGAN RIVER, MID-TO-LATE STAGE PREPARATIONS CONTINUE AT LOCATION 136 (NOT ON GRAPHIC). FIVE VANS AND THREE TRUCKS ARE AT THE EMPLACEMENT POINT INSIDE THE FENCED AREA. FOUR PROBABLE HOUSING TRAILERS, THREE VANS, AND TWO TRUCKS ARE JUST OUTSIDE THE FENCE. THREE VANS ARE AT A PROBABLE INSTRUMENTATION POINT JUST SOUTH OF THE FORWARD RECORDING SITE (FRS), AND 15 VANS AND TWO PROBABLE VEHICLES ARE AT THE FRS. (SWN)

3. [REDACTED] COORDINATES 49-59-25N 078-55-43E 25X1

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WARNING NOTICE
Intelligence Sources
and Methods Involved

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